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(54) Title: SITE-SPECIFIC CHEMICAL MODIFICATION OF HIV GP41-DERIVED PEPTIDES

(57) Abstract: Provided is a method for site-specific chemical modification of an HIV gp41 -derived peptide, wherein during syn-
thesis one or more amine groups of the HIV gp41 -derived peptide are chosen to be blocked by a chemical protecting agent, and one or
more amine groups are selected to be unprotected, and remain free to be reacted with an amine reactive functionality. The resultant
HIV gp41-derived peptide may be used to produce a substantially homogeneous conjugate comprised of HIV gp41-derived peptide
and polymer by covalently coupling the polymer to the one or more free (unprotected) amine groups of the HIV gp41-derived peptide.



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